UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/767,085	01/29/2004	Gus Rashid	3520-220US	1714

7590 02/20/2008	EXAMINER
Richard C. Woodbridge, Esq. Synnestvedt Lechner & Woodbridge, LLP P.O. Box 592 Princeton, NJ 08542-0592	HOANG, HIEU T

ART UNIT	PAPER NUMBER
2152	

MAIL DATE	DELIVERY MODE
02/20/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)
Office Action Summary	10/767,085	RASHID ET AL.
	Examiner	Art Unit	
	Hieu T. Hoang	2152	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *29 January 2004*.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-20* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-20* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *01/29/2004* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application

6)☐ Other: _____.

DETAILED ACTION

1.   This office action is in response to the communication filed on 01/29/2004.

2.   Claims 1-20 are pending and presented for examination.

Specification

3.   Paragraphs [0010], [0150], [0166] are empty. Appropriate correction is required.

Claim Objections

4.   Claims 11-20 are objected to because of the following informalities:

5.   The claims are apparatus claims (or device claims). However, there are no

explicit connections or links among the components of the apparatus' structure, for

instance, between a client device and a server. Appropriate correction is required.

Claim Rejections - 35 USC § 103

6.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

7.   Claims 1-7 and 9-20 are rejected under 35 U.S.C. 103(a) as being unpatentable

over Juitt et al. (US 2003/0087629, hereafter Juitt), in view of Allavarpu et al. (US

7,228,346, hereafter Allavarpu).

8.   For claim 1, Juitt discloses a notification generation and transmittal method,

comprising:

- associating a user with a client device; registering said association with a server

   ([0065] lines 1-6, device id and user identifier are both registered at the server for

   authentication);

Juitt does not disclose:

- generating, on said server (fig. 1a, server 160), a notification for said user, said

   notification including a set of data selected from an application database by a

   process having encoded rules; and,

- transmitting said notification to said user via said client device;

However, Allavarpu discloses:

- generating, on said server (fig. 2, a CORBA gateway 208), a notification for said

   user (col. 11 lines 37-50, event notification), said notification including a set of

   data selected from an application database by a process having encoded rules

   (col. 11 line 63-col. 12 line 10, policy-based access control on event/notifications,

   fig. 3, EventPortRegistry Server and Event Distribution Server); and,

- transmitting said notification to said user via said client device (fig. 1a,

   transmitting notifications to client 171).

Therefore, it would have been obvious for one skilled in the art at the time of the

invention to combine the teachings of Juitt and Allavarpu to authenticate the user using

both device and user identifiers at a rule-based notification CORBA gateway of

Allavarpu.

9.   Claims 11 and 16 are rejected for the same rationale as in claim 1.

10.   For claim 2, Juitt-Allavarpu discloses the invention as in claim 1. Juitt-Allavarpu further discloses said associating a user with a client device further includes authenticating said user (Juitt, [0065] lines 1-6).

11.   For claims 3, 12, and 17, Juitt-Allavarpu discloses the invention as in claims 1, 11, and 16. Juitt-Allavarpu further discloses said transmitting said notification further includes said client having a push-configured run-time-component capable of waiting for a notification (Allavarpu, col. 12 lines 1-4, push notification to clients).

12.   For claims 4, 13 and 18, Juitt-Allavarpu discloses the invention as in claims 1, 11, and 16. Juitt-Allavarpu further discloses said transmitting said notification further includes said client having a poll-configured run-time-component capable of setting a timer; waiting for an expiration of said timer; and, querying said server for said notification on detecting said expiration (Allavarpu, col. 12 lines 4-6, polling or client requesting the server for notifications, periodical polling is known in the art).

13.   For claims 5 and 14, Juitt-Allavarpu discloses the invention as in claims 1 and 11. Juitt-Allavarpu further discloses said encoded rules specify a type of notification and wherein said client device selects a notification handler to display said notification based

on said type of notification specified (Allavarpu, col. 12 lines 12-19, client choosing

format for notifications).

14.   For claims 6 and 19, Juitt-Allavarpu discloses the invention as in claims 1 and 16.

Juitt-Allavarpu further discloses said process having encoded rules includes at least one

data abstraction layer object (Allavarpu, col. 3 lines 60-67, abstract data object).

15.   For claim 7, Juitt-Allavarpu discloses the invention as in claim 1. Juitt-Allavarpu

further discloses said application database is updated following said transmitting of said

notification (Allavarpu, fig. 4, step 414, manager application client receives and updates

by notification from EDS sink).

16.   For claims 9 and 15, Juitt-Allavarpu discloses the invention as in claims 1 and 11.

Juitt-Allavarpu further discloses formatting said notification for display on said client

device using one or more formatting rules incorporated into a run-time-component on

said client device, said formatting rules operating independently of any interpretation of

any symbols embedded in said set of data, thereby eliminating the need to transmit

formatting information along with said set of data (Allavarpu, col. 20, lines 27-67, client-

selected format for notifications).

17.   For claims 10 and 20, Juitt-Allavarpu discloses the invention as in claims 1 and

16. Juitt-Allavarpu further discloses packaging said notification by one or more

packaging rules incorporated into a server run-time-component such that the data

matches a form expected by a client run-time-component, thereby ensuring that one or

more formatting rules incorporated into said client run-time-component, and operating

independently of any data-related symbol-interpretation, can properly format said set of

data for display on said client device (Allavarpu, col. 20, lines 27-67, client-selected

format for notifications).

18.   Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Juitt-

Allavarpu, further in view of Ericsson (SyncML Sync Protocol, version 1.0, hereafter

Ericsson).

19.   For claim 8, Juitt-Allavarpu discloses the invention as in claim 1. Juitt-Allavarpu

further discloses said client device handles said data set contained in said notification

by means of a client application (Allavarpu, fig. 13, client manager application receiving

notifications)

Juitt-Allavarpu does not explicitly disclose said notification contains a statement

enabling said client application to interactively query said application database.

However, Ericsson discloses the same (fig. 10, fig. 7, sync Alert message to

client followed by sync request from client to server)

Therefore, it would have been obvious for one skilled in the art at the time of the

invention to combine the teachings of Juitt-Allavarpu and Ericsson to request data from

the server after notification that the data is available at the server to initiate any

synchronization method as disclosed by Ericsson.

Conclusion

20.   The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure:

- Letsinger et al. US 2003/0101347.

- Zothner. US 6,775,658.

- Tarnoff. US 2002/0169854.

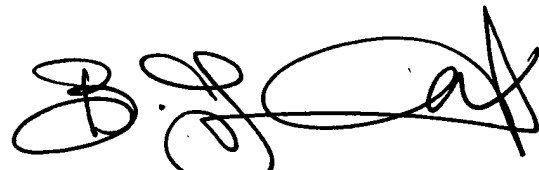- Baekelmans et al. US 7,080,141.

- Sadowsky. US 6,123,737.

21.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Hieu T. Hoang whose telephone number is 571-270-

1253. The examiner can normally be reached on Monday-Thursday, 8 a.m.-5 p.m.,

EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Bunjob Jaroenchonwanit can be reached on 571-272-3913. The fax phone

number for the organization where this application or proceeding is assigned is 571-

273-8300.

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USPTO Customer Service Representative or access to the automated information
system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

HH

BUNJOB JAROENCHONWANIT
SUPERVISORY PATENT EXAMINER

2/15/8